



**Sprint Nextel**  
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December 1, 2011

David Furth, Deputy Bureau Chief  
Public Safety and Homeland Security Bureau  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Re: Sprint Nextel's Status Report on 800 MHz Band Reconfiguration  
WT Docket 02-55

Dear Mr. Furth:

Sprint Nextel Corporation ("Sprint Nextel") hereby files the attached report regarding the 800 MHz band reconfiguration progress with the Federal Communications Commission ("Commission") and the 800 MHz Transition Administrator, LLC ("TA"). In its September 12, 2007 *Third Memorandum Opinion and Order* in the above-captioned proceeding, the Commission required Sprint Nextel to submit monthly reports regarding its clearing of Channels 1-120 (Phase I) and the Expansion Band and NPSPAC channel block (Phase II).<sup>1</sup> Through the efforts of all parties, substantial progress in 800 MHz band reconfiguration continues.

In Phase I, Sprint Nextel has completed the retuning of all non-Sprint Nextel, non-Southern LINC Channel 1-120 incumbent licensees in fifty-two NPSPAC regions. In the four remaining NPSPAC regions or U.S. Territories in which Channel 1-120 clearing has not been fully completed, all four NPSPAC Regions have only one 1-120 Channel licensee remaining to be retuned. Overall, 99.67 percent of the nearly 1200 Channel 1-120 licensees that must be retuned during Phase I of 800 MHz band reconfiguration have been retuned. *See Figure 1.*

Phase II of 800 MHz band reconfiguration continues to show ongoing progress. Twelve NPSPAC Regions are now complete.<sup>2</sup> Over ninety-nine percent of all non-border area public

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<sup>1</sup> See *Improving Public Safety Communications in the 800 MHz Band*, Third Memorandum Opinion and Order, WT Docket No. 02-55, at ¶¶ 29-30 (rel. Sep. 12, 2007) ("*Third Memorandum Opinion and Order*").

<sup>2</sup> All 800 MHz licensees required to be retuned in the Wisconsin, Iowa, Montana, Alaska, Minnesota, North Dakota, Nevada, Utah, Colorado, Hawaii, Wyoming and South Dakota NPSPAC Regions have fully completed 800 MHz band reconfiguration efforts. Sprint Nextel notes that in some of these Regions, additional licensing work must be completed, as well as administrative efforts to close out their Frequency Reconfiguration Agreements. Additionally, in some Regions, some public safety licensees have completed their physical retuning and are fully operating on their new frequency assignments, however, they still are completing a "second

safety licensees who must be retuned (857 of 859 licensees) have signed Frequency Reconfiguration Agreements (“FRAs”) and are at various stages of retuning their systems. Of these licenses who must be retuned, six-hundred and twenty-five (625) of the non-border area public safety licensees (Expansion Band and NPSPAC) have completed retuning to their new channel assignments, an over seventy (70%) completion rate across the country. Of the handful of remaining non-border licensees without FRAs, each have provided Sprint Nextel the cost estimates necessary to negotiate FRAs. All remaining licensees are in the TA-supervised mediation process that should assist the parties in reaching FRAs so that they can move on to retuning their systems.

Taken together for Phase I and Phase II of 800 MHz band reconfiguration, Sprint Nextel notes that it has signed FRAs with over 99% of the combined Phase I and Phase II non-border incumbent licensees who must be retuned, and has completed over 85% of the nation’s retunes (excluding the U.S. - Mexican border areas).

Sprint Nextel separately tracks and provides this progress update on the planning, negotiation and retuning process in the US – Canadian border area which has been on a separate timeline than the non-border U.S. Since the new 800 MHz band plans for U.S. - Canada were adopted in 2008, a significant amount of progress has occurred. Approximately 270 public safety and B/ILT licensees in each of the Canadian border regions received their replacement frequency proposals from the TA or were initially required to be retuned. Over 250 licensees have signed their FRAs, have their FRAs pending at the TA for its review, or have decided not to retune, while less than 20 licensees have yet to sign FRAs, an over 90% negotiation completion rate. Approximately 160 border-area licensees have completed their retuning work or no longer need to retune their facilities (60% completion rate).

In addition, Sprint Nextel has made significant progress in the Puerto Rico/US Virgin Islands NPSPAC Region, which is also on a separate timeline for 800 MHz band reconfiguration. Six of the eight FRA’s necessary to complete band reconfiguration have been signed (75% completion rate), while two retunes are complete.

Starting on March 17, 2008, public safety licensees across all NPSPAC regions were required to file requests for extensions of time or waiver of the Commission’s June 26, 2008 reconfiguration completion deadline if they did not expect to complete their retunes by that date.

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touch” of their radios to remove the “old NPSPAC” frequencies from their radios. From an operational perspective, however, Sprint Nextel considers these Regions complete.

The Bureau acted on nearly 500 requests, waiving the June 26, 2008 deadline for hundreds of NPSPAC licensees.<sup>3</sup> On June 9, 2009, the Bureau adopted a new deadline of October 1, 2009 for public safety licensees to complete their rebanding work or to seek additional time.<sup>4</sup> Over 300 public safety licensees filed updates with the Commission to further clarify their retuning status and need for extensions of time to complete their negotiations and retunes. On March 31, 2010, the Bureau acted on these submissions, granting a further extension to those licensees expecting to finish their retunes by October 1, 2010 and holding in abeyance the requests of those licensees expecting to take until beyond October 1, 2010. The Bureau also imposed reporting requirements for those licensees who failed to file extensions, let their extensions expire without reporting on their retuning status, or have failed to deliver cost estimates or signed FRAs.<sup>5</sup> In 2010, well over 150 public safety licensees filed updates to their retuning status and have requested further extensions of time to complete their rebanding work. On December

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<sup>3</sup> *Improving Public Safety Communications in the 800 MHz Band; Requests for Interim Waiver of the June 26, 2008 Rebanding Deadline – Wave 1 Public Safety Regions*, WT Docket No. 02-55, Order, DA 08-1427 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Waiver of the June 26, 2008 Rebanding Deadline – Wave 1 Public Safety Regions*, WT Docket No. 02-55, Order, DA 08-1428 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Interim Waiver of the June 26, 2008 Rebanding Deadline – Wave 2 Public Safety Regions*, WT Docket No. 02-55, Order, DA 08-1429 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Waiver of the June 26, 2008 Rebanding Deadline – Wave 2 Public Safety Regions*, WT Docket No. 02-55, Order, DA 08-1430 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Interim Waiver of the June 26, 2008 Rebanding Deadline – Wave 3 Public Safety Regions*, WT Docket No. 02-55, Order, DA 08-1431 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Waiver of the June 26, 2008 Rebanding Deadline – Wave 3 Public Safety Regions*, WT Docket No. 02-55, Order, DA 08-1432 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Interim Waiver of the June 26, 2008 Rebanding Deadline – Wave 4 Public Safety Regions (Non-Border)*, WT Docket No. 02-55, Order, DA 08-1433 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Waiver of the June 26, 2008 Rebanding Deadline – Wave 4 Public Safety Regions (Non-Border)*, WT Docket No. 02-55, Order, DA 08-1434 (PSHSB rel. June 17, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Waiver of the June 26, 2008 Rebanding Deadline – National Capital Region*, WT Docket No. 02-55, Order, DA 08-1531 (PSHSB rel. June 30, 2008); *Improving Public Safety Communications in the 800 MHz Band; Requests for Waiver of the June 26, 2008 Rebanding Deadline*, WT Docket No. 02-55, Order, DA 08-1653 (PSHSB rel. July 14, 2008).

<sup>4</sup> *Improving Public Safety Communications in the 800 MHz Band; Supplemental Requests for Waiver of the June 26, 2008 Rebanding Deadline*, WT Docket No. 02-55, Order, DA 09-1297 (PSHSB rel. June 9, 2009).

<sup>5</sup> *Improving Public Safety Communications in the 800 MHz Band; Supplemental Requests for Waiver of the June 26, 2008 Rebanding Deadline*, WT Docket No. 02-55, Order, DA 10-574 (PSHSB rel. March 31, 2010).

30, 2010, the Bureau acted upon these requests extending individual rebanding deadlines to as far as March 31, 2011. Public safety licensees failing to complete their retunes by March 2011 were required to provide further updates and request additional time.<sup>6</sup> On October 3, 2011, the Bureau issued an Order, acting upon these 2011 extension requests and permitting licensees until January 17, 2012 to complete their retunes or provide additional information.<sup>7</sup>

Recognizing that many public safety licensees were not prepared to complete their retunes by June 26, 2008, the Bureau granted Sprint Nextel a waiver to permit it continued access to Channels 1-120 where the Bureau has granted corresponding waivers to give NPSPAC licensees more time to retune to those channels.<sup>8</sup> Where Sprint Nextel remains on the 1-120 channels, the Bureau required that it clear the required channels for retuning public safety incumbents on 60 days' notice that they are ready to retune, consistent with prior Commission requirements. As listed in Figure 4, 570 Phase II NPSPAC licensees have already established with Sprint Nextel a firm date for starting and completing their physical retuning work and many have, in fact, finished their retunes. Overall, for Phase II and the Canadian Border-Area Sprint Nextel has been notified of and has already or is prepared to timely provide cleared replacement channels for 968 licensees that have made *ad hoc* requests, signed Retuning Schedule Letters

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<sup>6</sup> *Improving Public Safety Communications in the 800 MHz Band; Supplemental Requests for Waiver of the June 26, 2008 Rebanding Deadline*, WT Docket No. 02-55, Order, DA 10-2431 (PSHSB rel. December 30, 2010). On April 8, 2011, the Bureau announced deadlines for 800 MHz licensees in the U.S. – Canada border area to file for extensions of time to complete rebanding if they were not completed with their 800 MHz reconfiguration efforts by the April 14, 2011 deadline. See Public Safety and Homeland Security Bureau Provides Guidance for Submission of Requests for Waiver of the April 14, 2011 Deadline for Completion of 800 MHz Rebanding in Regions Along the U.S. – Canada Border, *Public Notice*, DA 11-644 (April 8, 2011).

<sup>7</sup> *Improving Public Safety Communications in the 800 MHz Band; Supplemental Requests for Waiver of the June 26, 2008 Rebanding Deadline*, WT Docket No. 02-55, Order, DA 11-1662 (PSHSB rel. October 3, 2011).

<sup>8</sup> *Improving Public Safety Communications in the 800 MHz Band; Sprint Nextel Request for Waiver of June 26, 2008 Rebanding Deadline with Respect to Channels 1-120*, WT Docket No. 02-55, Order, DA 08-1444 (PSHSB rel. June 19, 2008).

(“RSLs”) or have participated in TA-sponsored regional planning meetings.<sup>9</sup> The dates for these retunes are responsive to the requirements of each public safety licensee.<sup>10</sup>

As Figure 3 demonstrates, there continues to be significant progress in transitioning from FRA negotiations to implementation of Phase II NPSPAC retuning.<sup>11</sup> In twenty-one NPSPAC regions, Sprint Nextel has completed the clearing of its operations from all of the 1-120 channels (the “new NPSPAC” band) and, pursuant to the FRAs with individual incumbent licensees, has made all of these channels available to NPSPAC licensees to complete their retuning in accordance with their schedules. Sprint Nextel continues to work diligently with all licensees so that they complete their retunes and so that Sprint Nextel receives its replacement spectrum at 866-869 MHz on the spectrum formerly occupied by these retuning licensees. Accordingly, Sprint Nextel has also continued to transition its operations from the 1-120 channels to the “old NPSPAC” band at 866-869 MHz without incident.

Based on this progress, Sprint Nextel also continues to work closely with the 800 MHz TA to verify Sprint Nextel and the public safety’s ongoing progress towards completion of rebanding on a NPSPAC-region-by-NPSPAC-region basis. Verification of this benchmark progress will continue to allow Sprint Nextel to make additional 800 MHz “interleaved” spectrum available to the Commission for relicensing for new systems and system expansion.<sup>12</sup>

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<sup>9</sup> In addition to these 968 licensees who are formally subject to 800 MHz band reconfiguration, Sprint Nextel has also made its channels available to 190 licensees in the new NPSPAC band that were not previously licensed in the old NPSPAC band (and thus, did not require an FRA). Additionally, Sprint Nextel has also made its 800 MHz interleaved spectrum available to more than 197 licensees in the 800 MHz interleaved portion of the band to accommodate new systems and system expansion, pursuant to the FCC Order adopted October 2008 that established a staged relinquishment of 800 MHz interleaved spectrum per NPSPAC Region as more and more regions are completed. See footnote 12.

<sup>10</sup> Figure 4 lists the dates that public safety licensees have indicated that they need access to their 800 MHz replacement channels. Some of the listed public safety requests for replacement spectrum are beyond 2011. Sprint Nextel is hopeful that working with all affected stakeholders, the FCC can reduce the time needed for these and other licensees to initiate their retune work.

<sup>11</sup> Sprint Nextel cleared additional 1-120 channels for retuning NPSPAC licensees in five NPSPAC Regions during the month of November: Washington, DC/Baltimore (Region 20), Northern California, New England, Houston, TX and Alabama. This is entirely based on the timing requirements dictated by public safety licensees ready to retune their systems.

<sup>12</sup> On October 30, 2008, the Commission waived the June 26, 2008 deadline for Sprint Nextel to vacate its channels in the 800 MHz interleaved, expansion, and guard bands and adopted a phased transition of these channels based on public safety progress towards completion of rebanding. *Improving Public Safety Communications in the 800 MHz Band; Relinquishment by Sprint Nextel of Channels in the Interleaved, Expansion and Guard Bands*, WT Docket No. 02-55, Order, FCC 08-253. On March 31, 2010, the Bureau waived the March 31, 2010 deadline for Sprint Nextel to vacate its channels in the 800 MHz interleaved band in 21 NPSPAC Regions and modified the phased transition process. *Improving Public Safety Communications in the 800 MHz Band; Relinquishment by Sprint Nextel of Channels in the*

Sprint Nextel appreciates the continuing opportunity to update the Commission on the substantial progress being made in 800 MHz band reconfiguration. We remain available to discuss this Report at the Bureau's convenience. Sprint Nextel remains committed to completing this important initiative; however, as the information contained herein demonstrates, Sprint Nextel cannot complete 800 MHz band reconfiguration until all affected incumbent licensees complete their individual retuning activities.

Should you have any further questions in this matter, please contact the undersigned.

Respectfully submitted

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Lawrence R. Krevor  
Vice President – Spectrum

James B. Goldstein  
Director, Spectrum Reconfiguration

cc: 800 MHz Transition Administrator

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*Interleaved, Expansion and Guard Bands*, WT Docket No. 02-55, Order, DA 10-576. On October 28, 2009, the Public Safety and Homeland Security Bureau ("Bureau") announced that it would begin to accept applications for additional interleaved spectrum made available by Sprint Nextel in specific markets where additional progress has been made. *Public Safety and Homeland Security Bureau Announces Application and Licensing Procedures for Certain Channels Relinquished by Sprint Nextel Corporation in the 809.5 – 815/854.5 – 860 MHz Band*, Public Notice, DA 09-2301 (October 28, 2009).

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**Figure 1: Retuning Status of Channels 1-120 – Non-Border Licensees**

NPSPAC Region #	Region Name	# of Non-Border Licensees		
		1-120 Total Licensees	1-120 Licensees Cleared	1-120 Licensees Remaining
1	Alabama	7	7	0
2	Alaska	13	13	0
3	Arizona	47	47	0
4	Arkansas	17	17	0
5	Southern California	6	6	0
6	Northern California	63	63	0
7	Colorado	21	21	0
8	New York Metropolitan Area	49	49	0
9	Florida	98	97	1 <sup>13</sup>
10	Georgia	41	41	0
11	Hawaii	33	33	0
12	Idaho	12	12	0
13	Illinois	30	30	0
14	Indiana	19	19	0
15	Iowa	10	10	0
16	Kansas	16	16	0
17	Kentucky	16	16	0
18	Louisiana	43	42	1 <sup>14</sup>
19	New England	36	36	0
20	Washington, DC/Baltimore	28	28	0
21	Michigan	2	2	0
22	Minnesota	51	51	0
23	Mississippi	16	16	0
24	Missouri	23	23	0
25	Montana	11	11	0
26	Nebraska	7	7	0
27	Nevada	45	45	0
28	Eastern PA (Philadelphia)	32	32	0
29	New Mexico	24	24	0
30	New York – Albany	8	8	0
31	North Carolina	31	31	0

<sup>13</sup> The City of Miami Beach is the last remaining Phase I licensee remaining in Florida. The City chose a new 800 MHz vendor to undertake its retuning work despite agreeing to an FRA (with its first vendor) over two years ago. It is our understanding that the licensee has again delayed its retune and it may not be completed until Spring 2012.

<sup>14</sup> The Parish of Saint John the Baptist is the last remaining Phase I licensee remaining to retune its system in Louisiana.

NPSPAC Region #	Region Name	# of Non-Border Licensees		
		1-120 Total Licensees	1-120 Licensees Cleared	1-120 Licensees Remaining
32	North Dakota	8	8	0
33	Ohio	16	16	0
34	Oklahoma	11	11	0
35	Oregon	24	24	0
36	Pennsylvania	7	7	0
37	South Carolina	14	14	0
38	South Dakota	9	9	0
39	Tennessee	31	31	0
40	Dallas, TX	23	23	0
41	Utah	10	10	0
42	Virginia	27	27	0
43	Washington	11	11	0
44	West Virginia	5	5	0
45	Wisconsin	15	15	0
46	Wyoming	3	3	0
47	Puerto Rico	12	11	1 <sup>15</sup>
48	Virgin Islands	8	8	0
49	Austin, TX	8	8	0
50	Texas - El Paso	16	16	0
51	Houston, TX	23	23	0
52	Lubbock, TX	25	25	0
53	Texas - San Antonio	14	14	0
54	Great Lakes (Chicago)	40	40	0
55	Western Upstate New York	0	0	0
	US Territories (Guam, Northern Mariana, Gulf of Mexico, etc.)	2	1	1

<sup>15</sup> The one remaining 800 MHz Phase I licensee is Preferred Communications which remains subject to an FCC enforcement proceeding. Preferred's site licenses have cancelled and its Economic Area licenses are pending license renewal and a construction waiver, which were both contested. Preferred has no operational sites to retune.



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**Figure 2: Retuning Status of Channels 1-120 – Southern Linc Cleared**

NPSAC Region #	Region Name	Southern Linc 1-120 Channels Cleared
1	Alabama	All 1-120s
9	Florida	All 1-120s
10	Georgia	All 1-120s
23	Mississippi	All 1-120s
31	North Carolina	All 1-120s
37	South Carolina	All 1-120s
39	Tennessee	All 1-120s

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**Figure 3: Retuning Status of Non-Border Channels 1-120 – Sprint Nextel Clearing**

NPSPAC Region #	Region Name	# of NPSPAC Channels Sprint Nextel has Cleared in the 1-120 Channel Block for Retuning Licensees (Typically Maximum of 230)
1	Alabama	89
2	Alaska	All 1 to 120s cleared by SN
3	Arizona	0
4	Arkansas	All 1 to 120s cleared by SN
5	Southern California	4
6	Northern California	228
7	Colorado	All 1 to 120s cleared by SN
8	New York Metropolitan Area	438
9	Florida	805
10	Georgia	285
11	Hawaii	All 1 to 120s cleared by SN
12	Idaho	All 1 to 120s cleared by SN
13	Illinois	132
14	Indiana	244
15	Iowa	All 1 to 120s cleared by SN
16	Kansas	176
17	Kentucky	All 1 to 120s cleared by SN
18	Louisiana	231
19	New England	265
20	Washington, DC/Baltimore	166
21	Michigan	0
22	Minnesota	All 1 to 120s cleared by SN
23	Mississippi	91
24	Missouri	80
25	Montana	All 1 to 120s cleared by SN
26	Nebraska	All 1 to 120s cleared by SN
27	Nevada	All 1 to 120s cleared by SN
28	Eastern PA (Philadelphia)	420
29	New Mexico	42
30	New York – Albany	123
31	North Carolina	197
32	North Dakota	All 1 to 120s cleared by SN
33	Ohio	104

34	Oklahoma	55
35	Oregon	All 1 to 120s cleared by SN
36	Pennsylvania	283
37	South Carolina	80
38	South Dakota	All 1 to 120s cleared by SN
39	Tennessee	145
40	Dallas, TX	429
41	Utah	All 1 to 120s cleared by SN
42	Virginia	113
43	Washington	56
44	West Virginia	23
45	Wisconsin	All 1 to 120s cleared by SN
46	Wyoming	All 1 to 120s cleared by SN
47	Puerto Rico	All 1 to 120s cleared by SN
48	Virgin Islands	All 1 to 120s cleared by SN
49	Austin, TX	321
50	Texas - El Paso	0
51	Houston, TX	322
52	Lubbock, TX	All 1 to 120s cleared by SN
53	Texas - San Antonio	92
54	Great Lakes (Chicago)	465
55	Western Upstate New York	0
	US Territories (Guam, Northern Mariana, Gulf of Mexico, etc.)	All 1 to 120s cleared by SN

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**Figure 4: NPSPAC Licensees' Agreed Upon Sprint Nextel Clear Dates for Channels 1-120**

1	Alabama	Talladega County EMA, AL PH II	12/27/2007
1	Alabama	Albertville, City of, AL	2/8/2008
1	Alabama	Dothan, City of, AL	5/11/2008
1	Alabama	Marshall, County of, AL PH II	11/3/2008
1	Alabama	Calhoun, County of, AL PH II	3/8/2009
1	Alabama	Huntsville, City of, AL PH II	9/28/2009
1	Alabama	Washington, County of, AL PH II	3/5/2010
1	Alabama	Gadsden, City of, PH II	3/29/2010
1	Alabama	Birmingham, City of, AL PH II	5/1/2010
1	Alabama	Hartselle, City of, AL PH II	10/29/2011
2	Alaska	Alaska, State Of PH II	4/14/2008
4	Arkansas	Jefferson, County of, AR PH II	9/27/2007
4	Arkansas	Jacksonville, City of, AR PH II	1/9/2009
4	Arkansas	Arkansas, State of PH II	3/17/2011
4	Arkansas	Arkansas Children's Hospital	5/1/2011
5	California - South	Long Beach, City of, CA PH II	5/8/2008
5	California - South	Signal Hill, City of, CA PH II	5/23/2009
5	California - South	Beverly Hills, City of, CA PH II	8/24/2009
6	California - North	Lodi, City of, CA PH II	9/15/2007
6	California - North	Emeryville, City of, CA PH II	9/25/2007
6	California - North	Campbell, City of, CA PH II	10/1/2007
6	California - North	San Joaquin, County of, CA PH II	10/1/2007
6	California - North	Stockton, City of, CA PH II	10/1/2007
6	California - North	Contra Costa County, CA PH II	10/22/2007
6	California - North	Ceres, City of, CA PH II	10/31/2007
6	California - North	Turlock, Gustine City'S of, CA PH II	10/31/2007
6	California - North	Elk Grove Unified School District, CA PH II	12/29/2007
6	California - North	University Of California - Merced Ph II	1/15/2008
6	California - North	Palo Alto, City of, CA PH II	2/15/2008
6	California - North	Vacaville, City of, CA PH II	2/15/2008
6	California - North	San Bruno, City of, CA PH II	2/17/2008
6	California - North	University Of California - Berkeley	3/7/2008
6	California - North	Santa Clara Valley Water District, CA PH II	3/15/2008
6	California - North	Fresno, City of, CA PH II	3/26/2008
6	California - North	Redwood City, City of, CA PH II	4/1/2008
6	California - North	Mountain View, City of, CA PH II	4/7/2008
6	California - North	Santa Clara County, CA PH II	5/10/2008
6	California - North	Walnut Creek, City of, CA PH II	6/24/2008
6	California - North	Piedmont, City of, CA PH II	9/5/2008
6	California - North	University Of California - Santa Cruz Ph II	9/5/2008
6	California - North	Sunnyvale, City of, CA PH II	9/8/2008
6	California - North	San Jose, City of, CA PH II	8/1/2009

6	California - North	Santa Clara, City of, CA PH II	10/30/2008
6	California - North	Livermore/Amador Valley Transit Auth PH II	7/31/2009
6	California - North	Nevada, State of PH II	8/24/2009
6	California - North	American Red Cross Bay Area PH II	9/28/2009
6	California - North	Roseville, City of, CA PH II	2/17/2010
6	California - North	Alameda, County of, CA PH II	3/26/2010
6	California - North	Richmond, City of, CA PH II	5/12/2010
6	California - North	Oakland, City of, CA PH II	7/10/2010
6	California - North	Sacramento, County of, CA PH II	10/26/2011
6	California - North	University of California - Davis	11/9/2011
6	California - North	Davis, City of, CA PH II	11/25/2011
7	Colorado	Lakewood, City of, CO, Phase II	6/19/2007
7	Colorado	Pikes Peak Regional Comm Network	9/15/2007
7	Colorado	Adams Twelve Five Star School District, Phase II	11/27/2007
7	Colorado	Westminster, City of, CO PH II	12/1/2007
7	Colorado	Colorado, State Of PH II	1/25/2008
7	Colorado	Denver, City and County of, CO PH II	1/30/2009
8	New York - Metropolitan	New York, State Of PH II Metro 21	9/4/2007
8	New York - Metropolitan	West Orange, Township of, NJ PH II	1/20/2008
8	New York - Metropolitan	State University Of NY Maritime College PH II	1/26/2008
8	New York - Metropolitan	Parsippany Troy Hills, Township, NJ PH II	2/11/2008
8	New York - Metropolitan	Middlesex, County of, NJ PH II	3/11/2008
8	New York - Metropolitan	Woodcliff Lakes, Borough of, NJ PH II	3/17/2008
8	New York - Metropolitan	Westport, Town of, CT PH II	3/18/2008
8	New York - Metropolitan	Fair Lawn, Boro of, NJ PH II	3/30/2008
8	New York - Metropolitan	Howell, Township of, NJ PH II	3/30/2008
8	New York - Metropolitan	White Plains, City of, NY PH II	3/30/2008
8	New York - Metropolitan	Middletown, Township of, NJ PH II	4/1/2008
8	New York - Metropolitan	Hoboken, City of, NJ PH II	4/2/2008
8	New York - Metropolitan	Babylon, Town of, NY PH II	4/4/2008
8	New York - Metropolitan	Fairfield, Town of, CT	4/4/2008
8	New York - Metropolitan	Meriden, City of, CT PH II	4/7/2008
8	New York - Metropolitan	Scarsdale, Village of, NY PH II	4/7/2008
8	New York - Metropolitan	Shelton, City of, CT PH II	4/11/2008
8	New York - Metropolitan	South Brunswick, Township of, NJ PH II	4/24/2008
8	New York - Metropolitan	Belleville, Township of, NJ PH II	4/27/2008
8	New York - Metropolitan	Wallingford Police Department, Town of, CT PH II	5/9/2008
8	New York - Metropolitan	Port Auth Of NY And NJ PH II	5/10/2008
8	New York - Metropolitan	New Jersey AGO PH II	5/26/2008
8	New York - Metropolitan	Stamford, City of, CT PH II	6/16/2008
8	New York - Metropolitan	Newark Housing Authority, NJ PH II	7/2/2008
8	New York - Metropolitan	Newark, City of, NJ PH II	7/7/2008
8	New York - Metropolitan	Jersey City, City of, NJ PH II	7/21/2008
8	New York - Metropolitan	Passaic, County of, Office of Emergency Mgmt PH II	8/1/2008
8	New York - Metropolitan	Fairfield, Township of, NJ PH II	8/15/2008
8	New York - Metropolitan	Union, County of, NJ PH II	8/29/2008
8	New York - Metropolitan	Nassau, County of, NY PH II	8/31/2008
8	New York - Metropolitan	Irvington, Township of, NJ PH II	10/1/2008
8	New York - Metropolitan	New Haven, City of, CT PH II	11/1/2008

8	New York - Metropolitan	Union City, City of, NJ PH II	5/29/2009
8	New York - Metropolitan	New Jersey, State of PH II	6/29/2009
8	New York - Metropolitan	Waterbury, City of, CT PH II	7/1/2009
8	New York - Metropolitan	Greenwich, Town of, CT PH II	7/16/2009
8	New York - Metropolitan	Norwalk, City of, CT PH II	10/28/2009
8	New York - Metropolitan	Old Bridge, Township of, NJ PH II	11/19/2009
8	New York - Metropolitan	Farmington, Town of, CT PH II	1/1/2010
8	New York - Metropolitan	Trenton, City of, NJ PH II	1/15/2010
8	New York - Metropolitan	Orange County Sheriff, NY PH II	5/1/2010
8	New York - Metropolitan	Suffolk, County of, NY PH II	5/31/2010
8	New York - Metropolitan	New York, State of, PH II Wave 1	6/22/2010
8	New York - Metropolitan	Essex, County of, NJ PH II	7/2/2010
8	New York - Metropolitan	Bergen, County of, NJ PH II	11/15/2010
8	New York - Metropolitan	Connecticut, State of PH II	2/11/2011
9	Florida	Flagler, County of, FL PH II	5/1/2008
9	Florida	Palm Coast, City of, FL PH II	5/1/2008
9	Florida	Brevard, County of, FL PH II	8/1/2008
9	Florida	Lake, County of, FL PH II	10/1/2008
9	Florida	Indian River, County of, FL PH II	11/18/2008
9	Florida	Hillsborough, County of, FL PH II	12/1/2008
9	Florida	Ocean Ridge, Town of, FL PH II	12/15/2008
9	Florida	Marion, County of, FL PH II	1/5/2009
9	Florida	Palm Beach Cty Solid Waste Auth PH II	1/22/2009
9	Florida	Clay, County of, FL PH II	1/26/2009
9	Florida	Palm Beach Gardens, City of, FL PH II	2/1/2009
9	Florida	Saint Lucie, County of, FL PH II	3/12/2009
9	Florida	Gainesville, City of, FL PH II	3/13/2009
9	Florida	Florida, State of - House & Senate PH II	4/20/2009
9	Florida	Collier, County of, FL PH II	5/15/2009
9	Florida	Volusia, County of, FL PH II	5/29/2009
9	Florida	Juno Beach, Town of, FL PH II	5/31/2009
9	Florida	Monroe, County of, FL PH II	6/15/2009
9	Florida	Coral Gables, City of, FL PH II	11/1/2009
9	Florida	Jacksonville, City of, FL PH II	12/23/2009
9	Florida	Polk, County of, FL PH II	1/10/2010
9	Florida	Coral Springs, City of, FL PH II	3/15/2010
9	Florida	Martin, County of, FL PH II	4/5/2010
9	Florida	Palm Beach, County of, FL PH II	4/19/2010
9	Florida	Sarasota, County of, FL PH II	5/3/2010
9	Florida	Delray Beach, City of, FL PH II	6/1/2010
9	Florida	Hialeah, City of, FL PH II	6/1/2010
9	Florida	Palm Beach, County of, FL School PD PH II	6/10/2010
9	Florida	Saint Johns, County of, FL PH II	8/14/2010
9	Florida	Hardee, County of, FL PH II	8/15/2010
9	Florida	Winter Park, City of, FL PH II	10/27/2010
9	Florida	Orange, County of, FL PH II	11/19/2010
9	Florida	Lee, County of, FL PH II	12/12/2010
9	Florida	Maitland, City of, FL PH II	12/27/2010
9	Florida	Charlotte, County of, FL PH II	1/1/2011
9	Florida	Hollywood, City of, FL PH II	1/17/2011

9	Florida	Florida, State of, DOC PH II	1/20/2011
9	Florida	Seminole, County of, FL PH II	1/24/2011
9	Florida	Florida, State of PH II	3/7/2011
9	Florida	Manatee, County of, FL PH II	4/2/2011
9	Florida	Fort Lauderdale, City of, FL PH II	6/1/2011
9	Florida	Pinellas, County of, FL PH II	8/1/2011
9	Florida	Hernando, County of, FL PH II	8/22/2011
9	Florida	Greater Orlando Public Safety Coop, FL PH II	12/10/2011
10	Georgia	Crisp, County of, GA	12/13/2007
10	Georgia	Stone Mountain Park PH II	4/10/2008
10	Georgia	Hall, County of, GA PH II	5/10/2008
10	Georgia	Cherokee, County of, GA PH II	6/26/2008
10	Georgia	Forest Park, City of, GA PH II	6/26/2008
10	Georgia	Rome, City of, GA PH II	6/26/2008
10	Georgia	Emory University, GA PH II	7/1/2008
10	Georgia	Dallas, City of, GA PH II	8/27/2008
10	Georgia	Coweta, County of, GA PH II	9/14/2008
10	Georgia	Western Area Regional RSA PH II STA	9/14/2008
10	Georgia	Forsyth, County of, GA PH II	10/1/2008
10	Georgia	Glynn, County of, GA PH II	10/9/2008
10	Georgia	Walton, County of, GA PH II	10/13/2008
10	Georgia	Catoosa, County of, GA PH II STA	10/29/2008
10	Georgia	Rossville, City of, GA PH II	10/29/2008
10	Georgia	Atlanta, City of, GA (APS) PH II	1/26/2009
10	Georgia	Albany, City of, GA	2/10/2009
10	Georgia	Atlanta, City of, GA PH II	3/1/2009
10	Georgia	Fayette, County of, GA PH II	3/11/2009
10	Georgia	Gwinnett, County of, GA PH II	5/14/2009
10	Georgia	Georgia, State of, PH II	6/19/2009
10	Georgia	Covington, City of, GA PH II	6/22/2009
10	Georgia	Rockdale, County of, GA PH II	7/21/2009
10	Georgia	Consolidated Government of Columbus, GA PH II	9/21/2009
10	Georgia	La Grange, City of, GA PH II	9/21/2009
10	Georgia	Carroll EMC Atlanta Expansion Band	3/24/2010
10	Georgia	Coweta Fayette EMC Atlanta Expansion Band	3/24/2010
10	Georgia	Metropolitan Atlanta Rapid Trans Auth, GA PHII	4/1/2010
10	Georgia	Savannah, City of, GA	8/1/2010
10	Georgia	Spalding, County of, GA PH II	9/9/2010
10	Georgia	Cobb, County of, GA PH II	11/1/2010
10	Georgia	Cobb, County of, GA PH II MA only	11/18/2010
10	Georgia	Georgia, State of, PH II Metro	1/15/2011
10	Georgia	Henry, County of, GA PH II	9/19/2011
10	Georgia	South Carolina, State of PH II	3/27/2012
11	Hawaii	Kauai, County of, HI PH II	3/31/2008
11	Hawaii	Maui, County of, HI PH II	7/31/2008
11	Hawaii	Honolulu, City and County of, HI PH II	2/2/2009
13	Illinois	Saint Clair County Transit District, IL PH II	7/31/2007
13	Illinois	Saint Clair, County of, IL PH II	9/8/2008

13	Illinois	Lasalle, County of, IL PH II	9/15/2008
13	Illinois	Tazewell, County of, IL PH II	11/10/2008
13	Illinois	Champaign, City of, IL PH II STA	5/8/2009
13	Illinois	Illinois, State of PH II	10/1/2009
14	Indiana	Lagrange County Communications, IN PH II	9/16/2007
14	Indiana	Hancock County of, IN PH II	10/24/2007
14	Indiana	Cass, County of, IN PH II	11/19/2007
14	Indiana	Anderson, City of, IN PH II	11/26/2007
14	Indiana	Metropolitan Emergency Communications Agcy PH II	11/30/2007
14	Indiana	Steuben, County of, IN PH II	12/5/2007
14	Indiana	Howard, County of, IN PH II	12/17/2007
14	Indiana	Tippecanoe, County of, IN PH II	6/13/2008
14	Indiana	Hamilton, County of, IN PH II	8/1/2008
14	Indiana	Allen, County of, IN PH II	11/15/2008
14	Indiana	Boone, County of, IN PH II	8/9/2010
14	Indiana	Indiana, State of PH II	9/14/2011
15	Iowa	Waterloo, City of, IA PH II	5/30/2008
15	Iowa	University Of Northern Iowa, IA PH II	6/30/2008
15	Iowa	West Des Moines, City of, IA PH II	6/11/2009
15	Iowa	Black Hawk, County of, IA PH II	6/30/2009
16	Kansas	Finney County, KS PH II	9/21/2007
16	Kansas	Prairie Band Of Potawatomi Nation, KS PH II	10/15/2007
16	Kansas	Wabaunsee County, KS PH II	11/25/2007
16	Kansas	Mc Pherson County, KS PH II	12/4/2007
16	Kansas	Crawford County, KS PH II	2/7/2008
16	Kansas	Douglas County, KS PH II	3/21/2008
16	Kansas	Tonganoxie, City of, KS PH II	3/30/2008
16	Kansas	Kansas City, City of, KS PH II	6/6/2008
16	Kansas	Mid-America Regional Council PH II	6/16/2008
16	Kansas	Riley, County of, KS PH II	4/29/2011
16	Kansas	Kansas, State of, PH II	6/16/2011
16	Kansas	Ellsworth, County of, KS PH II	8/17/2011
16	Kansas	Ellis, County of, KS PH II	8/20/2011
16	Kansas	Hutchinson-Reno County Emer Comm PH II	8/20/2011
16	Kansas	Lincoln, County of, KS PH II	8/20/2011
16	Kansas	Russell, County of, KS PH II	8/20/2011
16	Kansas	Haysville, City of, KS PH II	8/25/2011
16	Kansas	Sumner County of, KS PH II	8/25/2011
16	Kansas	Lake Quivira, City of, KS PH II	9/9/2011
16	Kansas	Johnson, County of, KS PH II	10/25/2011
16	Kansas	Shawnee, County of, KS PH II	11/9/2011
16	Kansas	Overland Park, City of, KS PH II	12/4/2011
17	Kentucky	Kentucky State Police PH II	9/10/2007
17	Kentucky	Campbell, County of, KY PH II	11/8/2007
17	Kentucky	Covington, City of, KY PH II	11/9/2007
17	Kentucky	Kenton, County of, KY PH II_Police	11/9/2007
17	Kentucky	Kenton, County of, KY PH II_Sanitation	5/11/2008



17	Kentucky	Owensboro, City of, KY PH II	7/31/2009
17	Kentucky	McCracken, County of, KY PH II STA	8/12/2009
17	Kentucky	Paducah, City of, KY PH II	2/28/2010
17	Kentucky	Cincinnati, City of, OH PH II	9/1/2010
17	Kentucky	Indiana, State of PH II	9/14/2011
18	Louisiana	Saint Charles, Parish Of, LA PH II	10/13/2009
18	Louisiana	Beauregard Parish Sheriff's Office, LA PH II	10/17/2009
18	Louisiana	Calcasieu Parish Communications District PH II	10/17/2009
18	Louisiana	Baton Rouge, City of, LA PH II	11/27/2009
18	Louisiana	Lafourche Parish, LA PH II	11/21/2009
18	Louisiana	Iberville, Parish of, LA PH II OEP	12/12/2009
18	Louisiana	St Martin Parish Sheriff, LA PH II MA only	1/15/2010
18	Louisiana	Iberville, Parish of, LA Phase II	1/18/2010
18	Louisiana	Saint Tammany, Parish of, LA PH II	5/16/2010
18	Louisiana	Caddo Parish Comm Dist 1, LA PH II	6/14/2010
18	Louisiana	West Baton Rouge Parish Comm Dist PH II	7/10/2010
18	Louisiana	Calcasieu, Parish of, LA PH II	8/8/2010
18	Louisiana	Sulphur, City of, LA PH II	8/8/2010
18	Louisiana	Lake Charles, City Of, LA PH II	8/9/2010
18	Louisiana	New Orleans, Port of PH II	8/16/2010
18	Louisiana	Ascension, Parish Of, LA PH II	1/26/2011
18	Louisiana	Louisiana, State of PH II	2/1/2011
18	Louisiana	Sheriff, Parish of Pointe Coupee, LA PH II	4/5/2011
18	Louisiana	Houma, City of LA, PH II STA	5/13/2011
18	Louisiana	Terrebonne Parish, LA PH II	5/13/2011
18	Louisiana	Opelousas, City of, LA PH II	7/15/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Watertown, Town of, MA PH II	6/22/2007
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	South Hadley, Town of, MA PH II	6/23/2007
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	North Andover, Town of, MA PH II	12/15/2007
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Easton, Town of, MA PH II	1/19/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Newton, City of, MA PH II	3/8/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Wilbraham, Town of, MA PH II STA	3/9/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Groton, Town of, CT PH II	3/13/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Boston, City of, MA PH II - Fire	3/31/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Berkshire County of, MA PH II	4/5/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Hyannis, Town of, MA PH II	4/8/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Westfield, Town of, MA PH II	4/8/2008

19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Mashantucket Pequot Tribal Nation, CT PH II	4/15/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Fall River, City of, MA PH II	4/30/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Sudbury, Town of, MA PH II	6/19/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	West Springfield, Town of, MA PH II	6/20/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Nashua, City of, NH PH II	7/15/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Chicopee, City of, MA PH II	7/23/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Rhode Island, State Of PH II	9/4/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	University Of Connecticut, CT PH II	9/24/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	West Hartford, Town of, CT PH II	10/15/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Quincy, City of, MA PH II	12/27/2008
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Hartford Hospital, PH II STA	3/9/2009
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Massachusetts Bay Trans Authority PH II	5/4/2009
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Hartford, City of, CT PH II	5/13/2009
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Rhode Island Public Transit Authority, RI PH II	11/23/2009
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Boston, City of, MA PH II - Police	12/7/2009
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Suffolk, County of PH II	12/15/2009
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Wethersfield, Town of, CT PH II	2/13/2010
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Portland, City of, ME PH II	2/26/2010
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Department of Correction, Massachusetts PH II	8/23/2010
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Connecticut, State of PH II	2/11/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Cambridge, City of, MA PH II	8/1/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Narragansett, Town of, RI PH II	8/23/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Norfolk, County of, MA PH II	9/15/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Tyngsborough, Town of, MA PH II	9/23/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Massachusetts, Commonwealth of PH II	9/30/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	North Providence, Town of, RI PH II STA	11/9/2011

19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Providence, City of, RI PH II	11/9/2011
19	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut	Worcester, City of, MA PH II	11/18/2011
20	Maryland; Washington, DC; Virginia - Northern	Trahos, Michael C PH II	11/22/2009
20	Maryland; Washington, DC; Virginia - Northern	Anne Arundel, County of, MD PH II MA	3/31/2010
20	Maryland; Washington, DC; Virginia - Northern	Carroll, County of, MD PH II Mutual Aid	3/31/2010
20	Maryland; Washington, DC; Virginia - Northern	Harford, County of, MD PH II Mutual Aid	3/31/2010
20	Maryland; Washington, DC; Virginia - Northern	Howard, County of, MD PH II Mutual Aid	3/31/2010
20	Maryland; Washington, DC; Virginia - Northern	Prince Georges, County of, MD PH II	7/9/2010
20	Maryland; Washington, DC; Virginia - Northern	Baltimore, County of, MD PH II Mutual Aid	8/15/2010
20	Maryland; Washington, DC; Virginia - Northern	Manassas, City of, VA PH II	12/13/2010
20	Maryland; Washington, DC; Virginia - Northern	Baltimore Washington Int'l Airport PH II	5/31/2011
20	Maryland; Washington, DC; Virginia - Northern	Baltimore, City of, MD PH II Mutual Aid	3/12/2011
20	Maryland; Washington, DC; Virginia - Northern	Warrenton Fauquier Joint Comm Ctr PH II	5/9/2011
20	Maryland; Washington, DC; Virginia - Northern	Anne Arundel, County of, MD PH II	7/1/2011
20	Maryland; Washington, DC; Virginia - Northern	Alexandria, City of, VA PH II	8/1/2011
20	Maryland; Washington, DC; Virginia - Northern	Harford County, MD PH II	8/30/2011
20	Maryland; Washington, DC; Virginia - Northern	Baltimore, City of, MD PH II	9/15/2011
20	Maryland; Washington, DC; Virginia - Northern	Metro Washington Airports Auth (MWAA) PH II	10/28/2011
20	Maryland; Washington, DC; Virginia - Northern	Arlington, County of, VA PH II	10/31/2011
20	Maryland; Washington, DC; Virginia - Northern	Charles, County of, MD PH II	10/31/2011
20	Maryland; Washington, DC; Virginia - Northern	Fairfax, County of, VA PH II	10/31/2011
20	Maryland; Washington, DC; Virginia - Northern	Montgomery, County of, MD PH II	10/31/2011
20	Maryland; Washington, DC; Virginia - Northern	Prince William, County of, VA PH II	10/31/2011
20	Maryland; Washington, DC; Virginia - Northern	University of Maryland PH II	10/31/2011
20	Maryland; Washington, DC; Virginia - Northern	Loudoun, County of, VA PH II	11/1/2011
20	Maryland; Washington, DC; Virginia - Northern	Kent, County of, MD PH II	11/7/2011
20	Maryland; Washington, DC; Virginia - Northern	Howard, County of, MD PH II	11/15/2011
20	Maryland; Washington, DC; Virginia - Northern	Frederick, County of, MD PH II	12/17/2011
20	Maryland; Washington, DC; Virginia - Northern	Calvert, County of, MD PH II	2/20/2012
20	Maryland; Washington, DC; Virginia - Northern	Wicomico, County of, MD PH II	10/16/2012
22	Minnesota	Brown, County of, MN PH II	7/31/2007
22	Minnesota	Sherburne, County of, MN PH II	12/17/2007
22	Minnesota	Hennepin, County of, MN PH II	1/16/2008
22	Minnesota	Rice & Steele, County of, MN PH II	1/16/2008
22	Minnesota	Olmsted, County of, MN PH II	1/29/2008
22	Minnesota	Wright, County of, MN PH II	1/30/2008
22	Minnesota	Saint Louis, County of, MN PH II	3/1/2008
22	Minnesota	Minnesota, State Of PH II	3/20/2008
22	Minnesota	Minneapolis, City of, MN PH II	3/26/2008
22	Minnesota	Ramsey, County of, MN PH II	4/8/2008
22	Minnesota	Saint Cloud, City of, MN PH II	5/1/2008
22	Minnesota	Stearns, County of, MN PH II	5/1/2008
22	Minnesota	Dakota, County of, MN PH II STA	8/15/2008
23	Mississippi	Baptist Memorial Health Care Corporation PH II	11/28/2007
23	Mississippi	Simpson, County Of E911 Communication, MS PH II	6/28/2008
23	Mississippi	Jackson, County of, MS PH II	3/7/2009

23	Mississippi	Vicksburg, City of, MS PH II	5/1/2009
23	Mississippi	Hancock, County of, MS PH II	9/21/2009
23	Mississippi	Noxubee, County of, MS PH II	8/13/2010
23	Mississippi	Harrison, County of, MS PH II	10/31/2010
23	Mississippi	Mississippi, State of, DOC PH II	5/23/2011
23	Mississippi	Hinds, County of, MS PH II	1/31/2012
24	Missouri	Saint Clair County Transit District, IL PH II	7/31/2007
24	Missouri	Liberty, City of, MO PH II	9/11/2007
24	Missouri	Joplin, City of, MO PH II	10/22/2007
24	Missouri	Buchanan, County of, MO PH II	1/16/2008
24	Missouri	Gladstone, City of, MO PH II	2/8/2008
24	Missouri	Saint Peters, City of, MO PH II	5/15/2008
24	Missouri	Mid-America Regional Council PH II	6/16/2008
24	Missouri	Grandview, City of, MO PH II	2/16/2009
24	Missouri	Saint Louis, City of, MO Airport PH II	9/15/2009
24	Missouri	Kansas City, City of, MO PH II	6/15/2011
24	Missouri	Johnson, County of, KS PH II	10/25/2011
26	Nebraska	Scottsbluff, County of, NE PH II	12/21/2007
26	Nebraska	Nemaha, County of, NE PH II	2/1/2008
26	Nebraska	Richardson, County of, NE PH II	2/4/2008
26	Nebraska	Saline, County of, NE PH II	2/18/2008
26	Nebraska	Fillmore, County of, NE PH II	2/27/2008
26	Nebraska	York, City of, NE PH II	2/27/2008
26	Nebraska	York, County of, NE PH II	2/27/2008
26	Nebraska	Fremont, City of, NE PH II	3/8/2008
26	Nebraska	Saunders, County of, NE PH II	3/30/2008
26	Nebraska	Cass, County of, NE PH II	5/2/2008
26	Nebraska	Omaha Public Power District, NE PH II	7/7/2009
26	Nebraska	Douglas, County of, NE PH II	7/21/2009
26	Nebraska	Washington County Sheriff Dept, NE PH II	7/21/2009
26	Nebraska	Lincoln, City of, NE PH II	12/14/2010
27	Nevada	North Las Vegas, City of, NV PH II	2/25/2008
27	Nevada	Clark, County of, NV PH II	10/21/2008
27	Nevada	Southern Nevada, RTC Of	11/14/2008
27	Nevada	Las Vegas Metropolitan Police	3/10/2009
27	Nevada	Nevada, State of PH II	8/24/2009
27	Nevada	Washoe, County of, NV PH II	8/24/2009
28	New Jersey, Pennsylvania, Delaware	New Castle County of, DE PH II	4/4/2008
28	New Jersey, Pennsylvania, Delaware	Ocean City, City of, NJ PH II	4/21/2008
28	New Jersey, Pennsylvania, Delaware	Camden, City of, NJ PH II	5/8/2008
28	New Jersey, Pennsylvania, Delaware	Cherry Hill, Township of, NJ PH II	5/12/2008
28	New Jersey, Pennsylvania, Delaware	Atlantic, County of, NJ PH II	6/2/2008
28	New Jersey, Pennsylvania, Delaware	Brigantine, City of, NJ PH II	6/2/2008
28	New Jersey, Pennsylvania, Delaware	Egg Harbor, Township of, NJ PH II	6/2/2008
28	New Jersey, Pennsylvania, Delaware	Galloway, Township of, NJ PH II	6/2/2008
28	New Jersey, Pennsylvania, Delaware	Cumberland, County of, NJ PH II	9/5/2008
28	New Jersey, Pennsylvania, Delaware	Atlantic City, City of, NJ PH II	11/1/2008

28	New Jersey, Pennsylvania, Delaware	Reading, City of, PA PH II	11/28/2008
28	New Jersey, Pennsylvania, Delaware	New Jersey, State of PH II	6/29/2009
28	New Jersey, Pennsylvania, Delaware	Lancaster, County of, PA PH II	8/17/2009
28	New Jersey, Pennsylvania, Delaware	Bethlehem, City of, PA PH II	11/10/2009
28	New Jersey, Pennsylvania, Delaware	Carroll, County of, MD PH II Mutual Aid	3/31/2010
28	New Jersey, Pennsylvania, Delaware	Bucks, County of, PA PH II	9/13/2010
28	New Jersey, Pennsylvania, Delaware	Pennsylvania, Commonwealth of PH II	2/9/2011
28	New Jersey, Pennsylvania, Delaware	Chester, County of, PA PH II	9/14/2011
29	New Mexico	Colorado, State of PH II	1/25/2008
29	New Mexico	Carlsbad, City of, NM PH II	3/15/2008
29	New Mexico	San Juan, County of, NM PH II	5/26/2008
29	New Mexico	Hobbs, City of, NM PH II	4/13/2009
29	New Mexico	Albuquerque, City of, NM PH II	7/15/2009
29	New Mexico	New Mexico, State of, NM PH II	3/10/2010
30	New York - Albany	Glenville, Town of, NY PH II	5/1/2008
30	New York - Albany	New York, State of, PH II Wave 1	6/22/2010
30	New York - Albany	Essex, County of, NJ PH II	7/2/2010
31	North Carolina	Cleveland, County of, NC PH II	6/5/2008
31	North Carolina	Shelby, City of, NC PH II	6/5/2008
31	North Carolina	Duke University PH II	10/13/2008
31	North Carolina	North Carolina Dept of Corrections PH II	11/29/2008
31	North Carolina	Jacksonville, City of, NC PH II	4/2/2009
31	North Carolina	Onslow County of, NC PH II	4/2/2009
31	North Carolina	Harnett, County of, NC PH II	4/27/2009
31	North Carolina	Johnston, County of, NC PH II	4/27/2009
31	North Carolina	Mecklenburg, County of, NC PH II	11/1/2009
31	North Carolina	Pinveville, Town of, NC PH II	3/28/2010
31	North Carolina	Mint Hill, Town of, NC PH II	4/1/2010
31	North Carolina	Kernersville, Town of, NC PH II	9/30/2010
31	North Carolina	Thomasville, City of, NC PH II	10/1/2010
31	North Carolina	Winston Salem, City of, NC PH II	10/8/2010
31	North Carolina	Mooresville, Town of, NC PH II	1/15/2011
31	North Carolina	Concord, City of, NC PH II	6/19/2011
31	North Carolina	North Carolina, State of PH II Data System	10/3/2011
31	North Carolina	Guilford, County of, NC PH II	2/1/2012
33	Ohio	Butler, County of, OH PH II	3/31/2008
33	Ohio	Auglaize, County of, OH PH II	4/1/2008
33	Ohio	Jefferson, County of, OH PH II	4/15/2008
33	Ohio	Allen, County of, OH PH II	5/5/2008
33	Ohio	Wheeling, City of, WV PH II	5/27/2008
33	Ohio	Belmont County, OH PH II	7/17/2008
33	Ohio	Harrison, County of, OH PH II	8/18/2008
33	Ohio	Clermont, County of, OH PH II	10/1/2008
33	Ohio	Oxford, City of, OH PH II	12/1/2008
33	Ohio	Clinton County Sheriff Office, OH PH II	1/1/2009
33	Ohio	Cincinnati, City of, OH PH II	9/1/2010
33	Ohio	Hamilton, County of, OH PH II	9/1/2010

33	Ohio	Ohio, State of PH II Mutual Aid Only	9/5/2011
34	Oklahoma	Owasso, City of, OK PH II	12/15/2007
34	Oklahoma	Sapulpa, City of, OK PH II	5/12/2008
34	Oklahoma	Oklahoma City, City of, OK PH II	9/30/2009
34	Oklahoma	Creek, County of, OK PH II	5/21/2010
34	Oklahoma	Bixby, City of, OK PH II	10/5/2010
34	Oklahoma	Overland Park, City of, KS PH II	12/4/2011
35	Oregon	Oregon Department of Corrections PH II	10/1/2007
35	Oregon	Oregon, State of PH II	10/1/2007
35	Oregon	Salem, City of, OR PH II	6/14/2008
35	Oregon	Yamhill Communication Agency PH II	9/15/2008
35	Oregon	Clark Emergency Services, County of, WA PH II	11/10/2008
35	Oregon	Washington County Consolidated Comm AGY PH II	12/10/2008
35	Oregon	Marion, County of, OR PH II	3/26/2009
35	Oregon	Portland, City of, OR PH II	1/5/2010
36	Pennsylvania	Allegheny County Dept of Emerg Svcs PH II	5/27/2008
36	Pennsylvania	Lancaster, County of, PA PH II	8/17/2009
36	Pennsylvania	Westmoreland, County of, PA PH II	7/11/2010
36	Pennsylvania	Pennsylvania, Commonwealth of PH II	2/9/2011
37	South Carolina	Charleston, County of, SC PH II	10/26/2008
37	South Carolina	Myrtle Beach, City of, SC PH II	11/15/2008
37	South Carolina	Charleston, City of, SC PH II	4/30/2009
37	South Carolina	Florence, County of, SC PH II	7/1/2009
37	South Carolina	York, County of, SC PH II	7/1/2009
37	South Carolina	Beaufort, County of, SC PH II	8/31/2009
37	South Carolina	Horry, County of, SC PH II	9/15/2009
37	South Carolina	South Carolina, State of PH II	3/27/2012
39	Tennessee	Baptist Memorial Health Care Corporation PH II	11/28/2007
39	Tennessee	Vanderbilt University Medical Center, TN PH II	3/3/2008
39	Tennessee	Brentwood, City of, TN PH II	3/27/2008
39	Tennessee	Williamson, County of, TN PH II	3/27/2008
39	Tennessee	Franklin, City of, TN PH II	5/15/2008
39	Tennessee	City of Hendersonville Fire Department, TN PH II	5/24/2008
39	Tennessee	Knox, County of, TN PH II	11/25/2008
39	Tennessee	Knox County Sheriff Tn PH II	12/1/2008
39	Tennessee	Goodlettsville, City of, TN PH II	12/5/2008
39	Tennessee	Tennessee DOC PH II	3/6/2009
39	Tennessee	Johnson City, City of, TN PH II	8/15/2009
39	Tennessee	Metro Gov of Nashville and Davidson Cty, PH II	8/15/2009
39	Tennessee	Smyrna, Town of, TN PH II	8/15/2009
39	Tennessee	Clarksville, City of, TN PH II	4/5/2010
39	Tennessee	Tennessee, State of PH II (TEMA)	8/9/2010
39	Tennessee	Memphis, City of, TN PH II	1/31/2011
40	Texas - Dallas	Greenville, City of, TX PH II	11/3/2007
40	Texas - Dallas	Baylor Health Care System, TX PH II	11/20/2007

40	Texas - Dallas	Parker County, TX PH II	11/20/2007
40	Texas - Dallas	Sherman, City of, TX PH II	11/25/2007
40	Texas - Dallas	City Of North Richland Hills, TX PH II	11/28/2007
40	Texas - Dallas	Duncanville, City of, TX PH II	12/1/2007
40	Texas - Dallas	University Park, City of, TX PH II	5/27/2008
40	Texas - Dallas	Dallas, County of, TX PH II	6/19/2008
40	Texas - Dallas	Dallas-Fort Worth International Airport, TX PH II	9/30/2008
40	Texas - Dallas	Rockwall, City of, TX PH II STA	1/21/2009
40	Texas - Dallas	Richardson, City of, TX PH II	2/9/2009
40	Texas - Dallas	Lewisville, City of, TX PH II	3/20/2009
40	Texas - Dallas	Dallas, City of, TX PH II	8/7/2009
40	Texas - Dallas	Irving, City of, TX PH II	9/9/2009
40	Texas - Dallas	Garland, City of, TX PH II	10/31/2009
40	Texas - Dallas	Collin, County of, TX PH II	11/19/2009
40	Texas - Dallas	East Texas Medical Center, TX PH II	11/19/2009
40	Texas - Dallas	Plano, City of, TX PH II	7/1/2010
40	Texas - Dallas	Texas, State Of PH II	1/6/2011
40	Texas - Dallas	Ellis County, TX PH II	1/21/2011
40	Texas - Dallas	Mansfield, City of, TX PH II	2/11/2011
40	Texas - Dallas	Fort Worth, City of, TX PH II	2/23/2011
40	Texas - Dallas	Arkansas, State of PH II	3/17/2011
40	Texas - Dallas	Arlington, City of, TX PH II	5/16/2011
40	Texas - Dallas	Bedford, City of, TX PH II	5/16/2011
40	Texas - Dallas	Grand Prairie, City of, TX PH II	9/20/2011
41	Utah	Salt Lake City, City of, UT PH II	11/11/2007
41	Utah	Colorado, State Of PH II	1/25/2008
41	Utah	Provo, City of, UT PH II	7/24/2008
41	Utah	Clark, County of, NV PH II	10/21/2008
41	Utah	Utah Communications Agency Network, UT PH II	2/4/2009
42	Virginia	Harrisonburg-Rockingham Emer Comms. Center PH II	11/18/2006
42	Virginia	Blacksburg, Town of, VA PH II	12/9/2007
42	Virginia	Hanover, County of, VA PH II	2/25/2008
42	Virginia	Capital Region Airport Commission, VA PH II	4/6/2008
42	Virginia	Hopewell, City of, VA PH II	10/6/2008
42	Virginia	Petersburg, City of, VA PH II STA	10/17/2008
42	Virginia	Spotsylvania, County of, VA PH II	10/22/2008
42	Virginia	Hampton, City of, VA PH II	8/1/2010
42	Virginia	Albemarle, County of, VA PH II	10/4/2010
42	Virginia	Portsmouth, City of, VA PH II	2/2/2011
42	Virginia	Culpeper, County of, VA PH II	4/25/2011
42	Virginia	Warrenton Fauquier Joint Comm Ctr PH II	5/9/2011
42	Virginia	York, County of, VA PH II	9/20/2011
42	Virginia	Newport News, City of, VA PH II	11/21/2011
42	Virginia	Chesapeake, City of, VA PH II	12/30/2011
43	Washington	Clark Emergency Services, County of, WA PH II	11/10/2008
43	Washington	Portland, City of, OR PH II	1/5/2010
44	West Virginia	Jefferson, County of, OH PH II	4/15/2008

44	West Virginia	Wheeling, City of, WV PH II	5/27/2008
44	West Virginia	Belmont County, OH PH II	7/17/2008
44	West Virginia	Loudoun, County of, VA PH II	11/1/2011
45	Wisconsin	Sheboygan County, WI PH II	3/14/2008
45	Wisconsin	Minnesota, State of PH II	3/20/2008
45	Wisconsin	Minnesota, State of PH II - Wave 1	3/20/2008
46	Wyoming	Cheyenne, City of, WY PH II	11/14/2007
46	Wyoming	Utah Communications Agency Network, UT PH II	2/4/2009
47	Puerto Rico	Puerto Rico, Commonwealth of PH II	7/5/2010
47	Puerto Rico	Puerto Rico State Police, PR PH II	6/24/2011
47	Puerto Rico	Toa Baja Municipal Government, PR PH II	6/30/2011
47	Puerto Rico	Bayamon, Municipal Government, PR PH II	8/11/2011
47	Puerto Rico	Puerto Rico Admin of Courts PH II	8/24/2011
49	Texas - Austin	Bryan, City of, TX PH II	8/6/2008
49	Texas - Austin	Hays, County of, TX PH II	1/12/2009
49	Texas - Austin	Llano, County of, TX PH II	1/20/2009
49	Texas - Austin	Fayette, County of, TX PH II STA	1/21/2009
49	Texas - Austin	Blanco County, TX PH II	1/26/2009
49	Texas - Austin	Copperas Cove, City of, TX PH II	4/25/2009
49	Texas - Austin	College Station, City of, TX PH II	7/6/2009
49	Texas - Austin	East Texas Medical Center, TX PH II	11/19/2009
49	Texas - Austin	Travis, County of, TX PH II	5/11/2010
49	Texas - Austin	Lee, County of, TX PH II	11/30/2010
49	Texas - Austin	Austin, City of, TX PH II	12/24/2010
49	Texas - Austin	Burnet, County of, TX PH II	3/31/2011
51	Texas - Houston	Matagorda County, TX PH II	12/8/2007
51	Texas - Houston	Houston, City of, TX Fire PH II	6/24/2008
51	Texas - Houston	University of Texas Medical Branch Police PH II	7/4/2008
51	Texas - Houston	Montgomery, County of, TX PH II	1/5/2009
51	Texas - Houston	Beaumont, City of, TX Phase II	8/14/2009
51	Texas - Houston	East Texas Medical Center, TX PH II	11/19/2009
51	Texas - Houston	Houston Independent School District, TX PH II	3/24/2010
51	Texas - Houston	Conroe, City of, TX PH II	5/17/2010
51	Texas - Houston	Texas, State Of PH II	1/6/2011
51	Texas - Houston	Houston, City of, TX Police PH II	9/30/2011
51	Texas - Houston	Harris, County of, TX Ph II-Regional Radio System	11/22/2011
52	Texas - Lubbock	Wichita Falls, City of, TX PH II	12/22/2008
53	Texas - San Antonio	Victoria, City of, TX PH II	5/22/2008
53	Texas - San Antonio	Bexar Metropolitan Water District, TX PH II	3/15/2009
53	Texas - San Antonio	Caldwell, County of, TX PH II	8/15/2009
53	Texas - San Antonio	Live Oak, City of, TX PH II	9/8/2009
53	Texas - San Antonio	Corpus Christi, City of, TX PH II	12/31/2009
53	Texas - San Antonio	Via Metropolitan Transit, TX PH II	1/4/2010
53	Texas - San Antonio	SAN ANTONIO, CITY OF, TX PH II	2/10/2011



54	Chicago - Metropolitan	Rock, County of, WI PH II	10/3/2007
54	Chicago - Metropolitan	Bolingbrook, Village of, IL PH II	12/7/2007
54	Chicago - Metropolitan	Milwaukee, City of, WI PH II	12/13/2007
54	Chicago - Metropolitan	Ozaukee, County of, WI PH II	12/29/2007
54	Chicago - Metropolitan	Kenosha, County of, WI PH II	1/31/2008
54	Chicago - Metropolitan	Burns Harbor, Town of, IN PH II	2/17/2008
54	Chicago - Metropolitan	Portage, City of, IN PH II	2/17/2008
54	Chicago - Metropolitan	Porter, Town of, IN PH II	2/17/2008
54	Chicago - Metropolitan	Orland Park, Village of, IL PH II	3/10/2008
54	Chicago - Metropolitan	Northwest Central Dispatch System, IL PH II	3/11/2008
54	Chicago - Metropolitan	East Chicago, City of, IN PH II	3/27/2008
54	Chicago - Metropolitan	Illinois, State of, DOC PH II	6/9/2008
54	Chicago - Metropolitan	Lake, County of, IL PH II	7/22/2008
54	Chicago - Metropolitan	Will, County of, IL PH II	9/1/2008
54	Chicago - Metropolitan	Waukesha, County of, WI PH II	12/1/2008
54	Chicago - Metropolitan	Joliet, City of, IL PH II	1/23/2009
54	Chicago - Metropolitan	McHenry, County of, IL PH II STA	1/24/2009
54	Chicago - Metropolitan	Milwaukee, County of, WI - MCTS CAD/AVL System	2/16/2009
54	Chicago - Metropolitan	Cook, County of, IL PH II	8/21/2009
54	Chicago - Metropolitan	Illinois, State of PH II	10/1/2009
54	Chicago - Metropolitan	Milwaukee, County of, WI PH II	10/30/2009
54	Chicago - Metropolitan	Grundy E-911, County of, IL PH II	11/10/2009
54	Chicago - Metropolitan	Aurora, City of, IL PH II	9/27/2010
54	Chicago - Metropolitan	Naperville, City of, IL PH II	9/27/2010
54	Chicago - Metropolitan	Montgomery, Village of, IL PH II	3/22/2011
54	Chicago - Metropolitan	Indiana, State of PH II	9/14/2011
54	Chicago - Metropolitan	Elgin, City of, IL PH II	9/24/2011
none	Guam	LP Ganacias Enterprises, Inc	6/23/2011